



Ministry  
of the  
Environment

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## about pesticides

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### THE PESTICIDE LABEL

Every container of pesticide on the market carries a printed label authorized by Agriculture Canada. This label always bears the words:

#### READ THE LABEL BEFORE USING



The label is a tool which you must learn to use properly.

By their very nature, pesticides have some degree of toxicity to man. Prevention of over-exposure is undoubtedly the best insurance against poisoning. The most potent pesticides may be safely handled provided the instructions are carefully followed.

The only pesticides which may be offered for sale in Canada are those which have been registered under the authority of the Pest Control Products Act, administered by Agriculture Canada. These pesticides are then given a registration number or P.C.P. Act number.

Each pesticide container label must bear a registration number, and must also include the brand name of the chemical, the product's chemical composition and form, the net contents, precautionary measures, guarantee, and directions for use.

The label for each pesticide on the market must bear precautionary statements relative to toxicity. For very toxic poisons, the label includes the handling precautions, diagnostic symptoms of poisoning, and first-aid measures. It should be carefully studied before use of the product. Pesticide accidents are often caused by ignoring the label warnings.

#### READ THE LABEL AND KEEP IT INTACT AND IN GOOD CONDITION

If you do not have the label, do not use the pesticide.

The primary and secondary panels of a typical label are shown on pages 2 and 3 respectively, together with explanations of the information they carry.

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PRIMARY PANEL

TRADE NAME

TOX SHRUB DUST  
INSECTICIDE  
Kills insects on shrub roots

FEDERAL CLASSIFICATION  
(See p.4)

DOMESTIC

FORMULATION

DUST

CONCENTRATION(s) of Active  
Ingredient(s)  
REGISTRATION NUMBER given under  
the Pest Control Products Act  
by the federal government

GUARANTEE: carbaryl 4%, endosulfan 2%

REG. NO: 00000 P.C.P. Act

DEGREE and type of hazard  
(See p.4)

WARNING



POISON

WARNING on all pesticide labels

READ THE LABEL BEFORE USING

WEIGHT of contents exclusive of  
packaging

Net Contents: 4.0 gm

MANUFACTURER'S or Formulator's  
name and address

John Doe Chemicals  
Anyplace, Canada

Directions for use - Complete information on dosage, rates, directions for use and limitations are given here.

Precautions - Information on any significant hazards relating to handling, storage, display, distribution, and disposal of the product. Instructions on how to alleviate such hazards and, where necessary, on decontamination and disposal procedures are given. Where there are significant hazards relating to human health, wildlife, or the environment which may result from use of the product, these are outlined along with instructions on how to alleviate such hazards.

First Aid Instructions - outlines immediate practical measures to be taken in the event of poisoning, intoxication or injury caused by the product.

Toxicological information - Provides any information essential for the treatment of persons who have been poisoned, intoxicated or injured by the product. Include information on symptoms of poisoning or intoxication, antidotes or remedial measures, and the identity of any ingredients (such as petroleum distillates) in the product that may affect the treatment.

#### SECONDARY PANEL

Directions for Use: ORNAMENTALS:  
Flowers & Shrubs - Root Weevil - Apply  $1\frac{1}{2}$  to 2 kg before planting and work into the top 8 to 15 cm of soil.  
LIMITATIONS: Do not apply to foliage of edible plants.

PRECAUTIONS: Keep out of reach of children. Poisonous if swallowed, inhaled or absorbed through the skin. Wash with soap and water after using. Avoid contamination of food, feed, drinking water and utensils. Do not contaminate any body of water. Toxic to fish and wildlife. DISPOSE of empty container with household garbage. Never reuse.

FIRST AID: IF SWALLOWED, obtain medical attention immediately and take product label information with patient. IF ON SKIN, wash immediately with soap and water. IF IN EYES, flush with plenty of clean water and obtain medical attention.

TOXICOLOGY: Barbiturates are beneficial. Oxygen may be indicated. Avoid adrenaline and morphine.

NOTICE TO USER - This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

### DEGREE AND TYPE OF HAZARD

The relative hazard posed by a pesticide, and the particular type of risk it represents, are indicated on the label by combinations of symbols. These include:

|         |   |   |           |
|---------|---|---|-----------|
| DANGER  |  |  | POISON    |
| WARNING |  |  | FLAMMABLE |
| CAUTION |  |  | EXPLOSIVE |
|         |   |  | CORROSIVE |

For example:



But note that some products may carry several such symbols; for example, aerosol cans may bear poison, flammable and explosive markings.

### FEDERAL CLASSIFICATION

The class to which a product has been assigned is indicated on the label, in capital letters, as follows:

- (i) DOMESTIC - for use by the general public.
- (ii) COMMERCIAL - (or more descriptive terms, such as AGRICULTURAL, INDUSTRIAL, INSTITUTIONAL, etc.)
- (iii) RESTRICTED - for use by licensed exterminators and permit holders only.

### FURTHER INFORMATION

More information on topics associated with the use of pesticides is available in the following factsheets:

Pesticides Control in Ontario  
Ontario Classification of Pesticide Products  
Requirements for Storage of Pesticides  
Fires and Stored Pesticides

Calculations  
Pesticide Spills  
Pesticide Safety Handbook

These are obtainable from your nearest Ontario Ministry of the Environment Regional or District Pesticides Control Officer.